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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/070,056	11/08/2002	Bunji Mizuno	29288.5300	9743

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EXAMINER

ADE, OGER GARCIA

ART UNIT PAPER NUMBER

3627

DATE MAILED: 07/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/070,056	<b>Applicant(s)</b> MIZUNO ET AL.	
	<b>Examiner</b> Garcia Ade	<b>Art Unit</b> 3627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☒ Claim(s) 2-8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 November 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

#### *Claim Objections*

1. Claims 2 – 8 are objected to because of the following informalities: multiple typo errors (e.g. “a commodityrecyclingmethod”).

Appropriate correction is required.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 – 16, as best understood, are rejected under 35 U.S.C. 103(a) as being unpatentable over Grenchus et al. [US 7,054,824], and further in view of Teveler et al. [US 2001/0034663].

**As per claims 1 – 5, 8 - 12, 15 and 16**, Grenchus discloses: estimating a remaining life of the commodity based on information indicating a usage history of the commodity recorded in a recording section provided in the commodity [via end of life **cycle process**, see paragraph bridging columns 1 and 2]; determining sale terms or lease terms based on the estimated remaining life of the commodity [see column 2, lines 19 – 26 (e.g. **determined using current resale**), and via step 38]; selling or renting the commodity to a second user in accordance with the sale terms or the lease terms [see column 5, lines 19 – 28 (e.g. **selling the whole product** is determined)]; collecting the commodity from the second user [see column 2, lines 45 – 63 (e.g.

**collecting a resale price** for the product)]; and dismantling the commodity into a plurality of parts after the collection of the commodity from the second user, wherein the recording section records the information indicating the usage history of the commodity in a manner in which it is substantially impossible for a user of the commodity to alter the usage history information [see column 4, lines 7 – 12 (e.g. **dismantling** and material separation to pursue), and lines 30 – 37 (e.g. **dismantling and removal of parts** from a product)].

Grenchus does not explicitly disclose selling or renting a commodity to a first user and collecting the commodity from the first user. However, Teveler discloses: selling or renting a commodity to a first user [see figure 3, and paragraph 0114 (e.g. **commodity buyers and sellers**)]; collecting the commodity from the first user [see paragraph 0014 (e.g. **collect buyers' requests for certain items**)].

Therefore, it would be obvious to one of ordinary skill in the art at the time the invention was made to modify Grenchus's invention to include Teveler's method of selling or renting a commodity to a first user. The motivation to combine would provide a buyer with a discount on an original purchase of a product or service, or for the extension of credit, by tying the original transaction to a contract for the long term purchase of one or more commodities [see paragraph 0023].

**As per claims 6, 7, 13, and 14**, Grenchus discloses wherein the commodity includes a device for sending particular information which is particular to the commodity [column 1, lines 15 – 24 (e.g. **associated devices**)]; wherein the particular information includes distribution information for specifying a party involved in a distribution of the

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commodity [see figure 1], and when the particular information from the commodity ceases, notifies a party involved in the distribution of the commodity, which is specified by the distribution information included in the most recent piece of particular information from the commodity [via value database 26, column 4, lines 39 – 47 (e.g. source of ***parts values may be recent sale prices*** to parts brokers)], that the particular information from the commodity has ceased [see figures 2A-2B (e.g. ***information flow and decision making***)].

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Garcia Ade whose telephone number is 571.272.5586. The examiner can normally be reached on M-F 8:30AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on 571.272.6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Garcia Ade  
Examiner  
Art Unit 3627

ga

*Andrew Joseph Rudy* 6/24/06  
Primary Examiner AU 3627